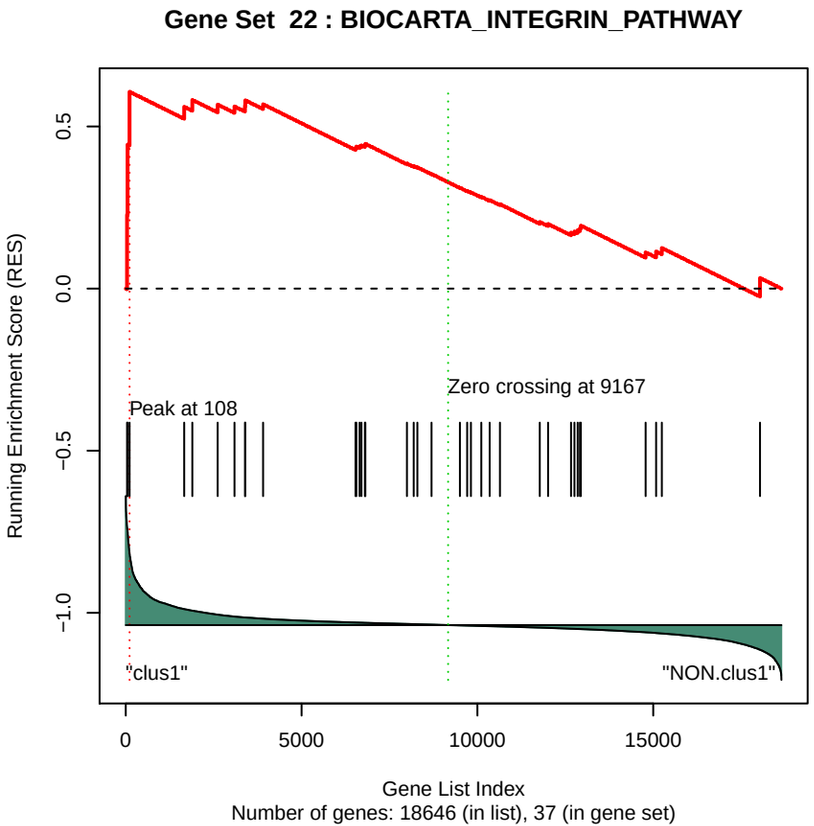
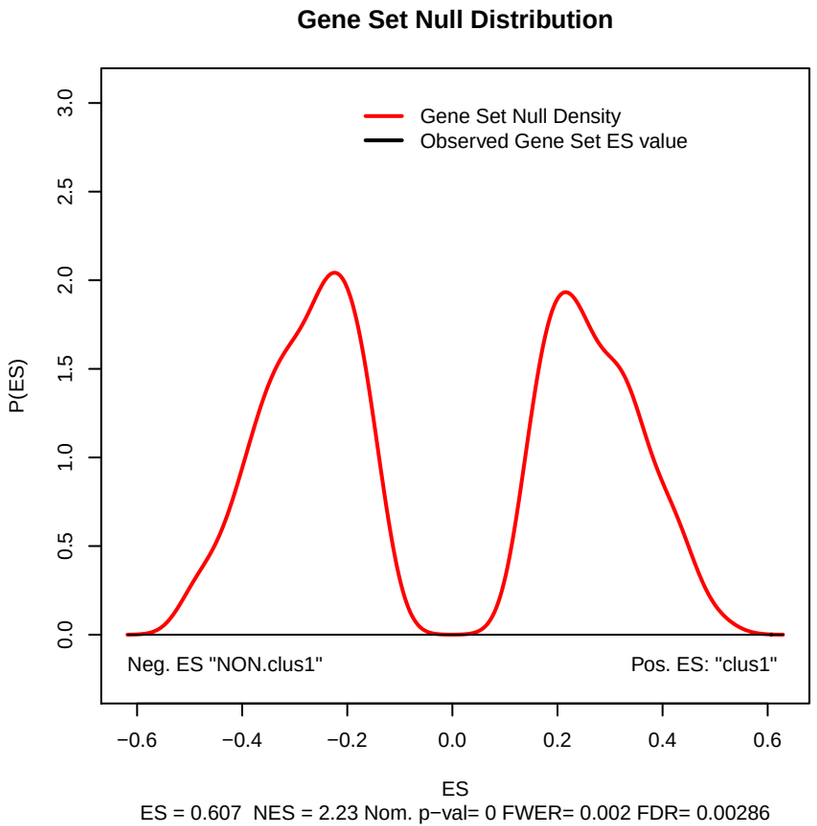
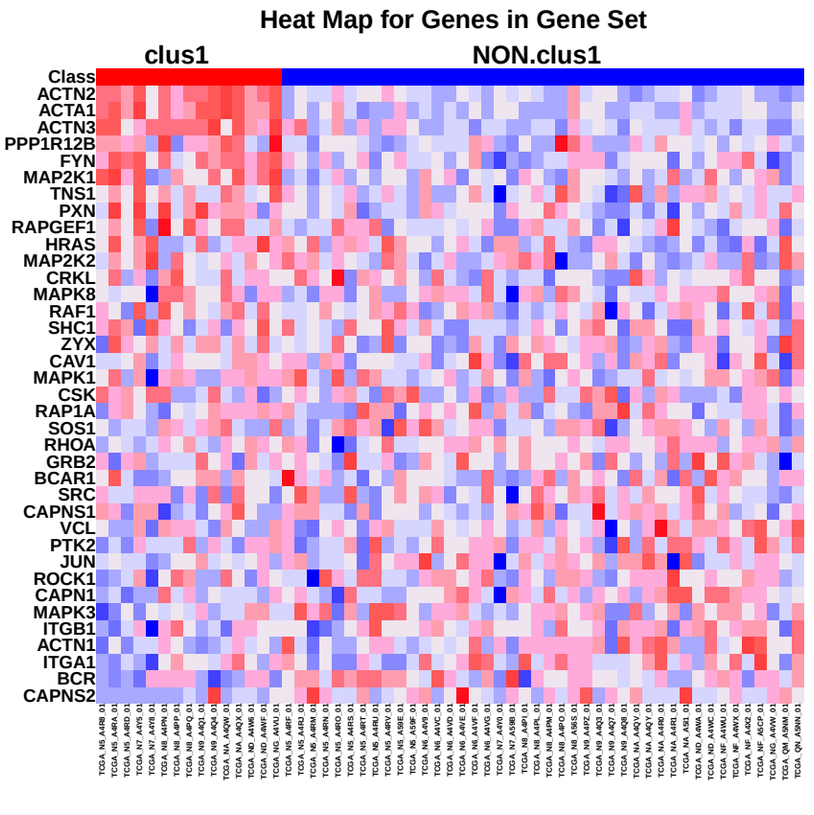

Gene Set 22 : BIOCARTA_INTEGRIN_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 108
Zero crossing at 9167
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 37 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.607 NES = 2.23 Nom. p−val= 0 FWER= 0.002 FDR= 0.00286


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
ACTN2
ACTA1
ACTN3
PPP1R12B
FYN
MAP2K1
TNS1
PXN
RAPGEF1
HRAS
MAP2K2
CRKL
MAPK8
RAF1
SHC1
ZYX
CAV1
MAPK1
CSK
RAP1A
SOS1
RHOA
GRB2
BCAR1
SRC
CAPNS1
VCL
PTK2
JUN
ROCK1
CAPN1
MAPK3
ITGB1
ACTN1
ITGA1
BCR
CAPNS2